Fast Flux Test Facility Closure Project And Advanced Reactor Transition Program

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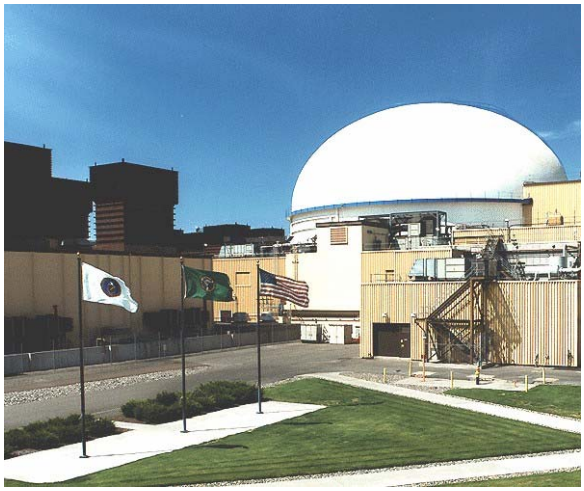
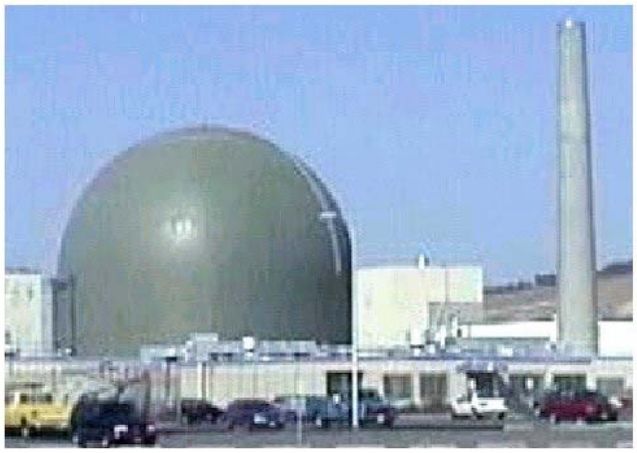


FFTF

Solid Waste Cask

NE Legacies:
337 High Bay



Plutonium Recycle Test Reactor:
309 Building

Overview

The mission of the Fast Flux Test Facility (FFTF) Closure Project, Project Baseline Summary (PBS) RL-CP04, is to deactivate and decommission the FFTF.

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities. A change request has been provided to RL to retain the 309 Building/PRTR scope in the FH contract until the end of fiscal year (FY) 2003, at which time it will transfer to a pending contract for the River Corridor work scope.

NOTE: Unless otherwise noted, all information contained herein is as of the end of May 2003.

NOTABLE ACCOMPLISHMENTS

FFTF Closure Project/CP04

Fuel Offload: Fuel washing continued at the upgraded Sodium Removal System (SRS) in the Interim Examination and Maintenance (IEM) Cell. The system has performed well and the process is being watched carefully to identify potential improvements.

Preparations to ship fuel to the Plutonium Finishing Plant (PFP) are ongoing, and included a "dry run" using an empty Interim Storage Cask on a round trip to PFP.

Performance Objective 4b: Activities continued toward Performance Objective 4b to remove fuel assemblies within 293 calendar days of RL Contracting Officer direction to proceed with deactivation. Fifteen of eighty-one assemblies were delivered to the IEM Cell. Eight have been washed in the SRS and loaded into a Core Component Container. The remaining seven assemblies are waiting to be washed. Closure of the first Core Component Container began this month.

Solid Waste Cask (SWC): The SWC passed all acceptance and readiness tests and was successfully turned over to Operations for unrestricted use. This culminated many years of effort by the FFTF staff to redesign and build an improved SWC hoist system.

ART Program/RC03

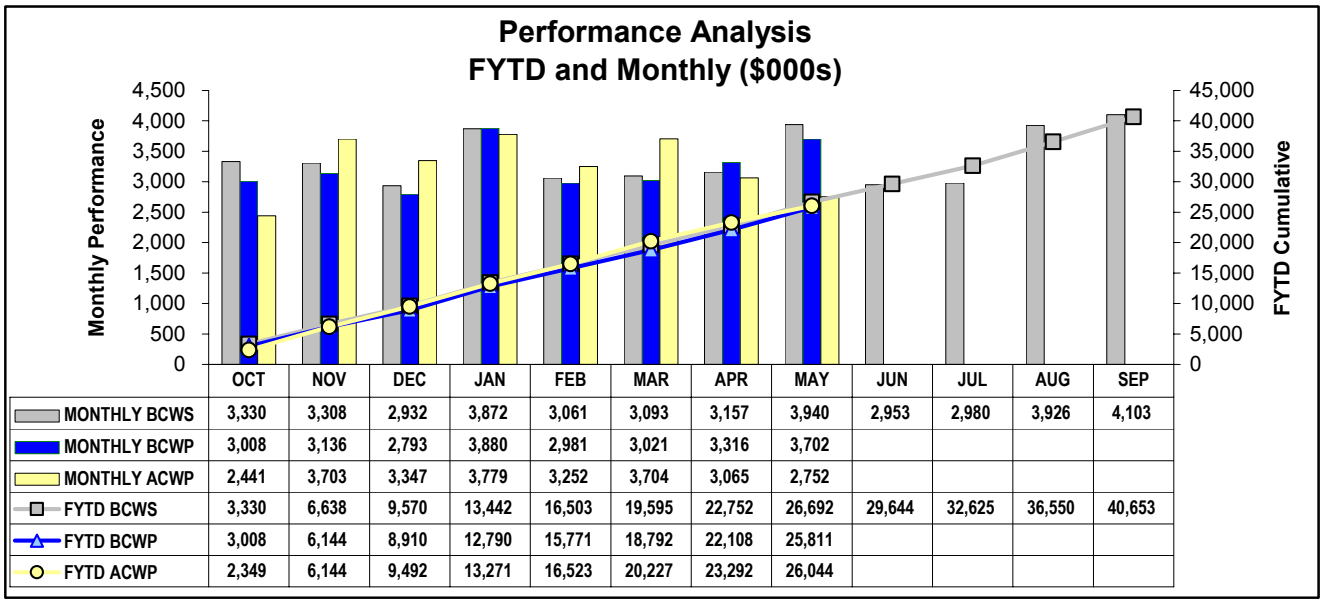
NE Legacies Deactivation: Modifications were initiated to the 3718-M and Composite Reactor Component Test Activity tank sodium systems in preparation for tank cleaning.

FY03 SCHEDULE/COST PERFORMANCE ($000)

Schedule Performance: (-$881K)
The unfavorable FFTF and ART schedule variances are within the established threshold (+/- 10% or $1M).

Cost Variance Analysis: (-$233K)
The unfavorable FFTF and favorable ART cost variances are within the established threshold.

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance $	Schedule Variance %	Cost Variance $	Cost Variance %	Budget At Completion
RL-CP04	**FFTF Project**	25,702	24,886	25,162	-816	-3%	-276	-1%	38,428
RL-RC03	**Advanced Reactor Transition**	990	925	882	-65	-7%	43	5%	2,225
Total ART and FFTF		**26,692**	**25,811**	**26,044**	**-881**	**-3%**	**-233**	**-1%**	**40,653**



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY BCWS	3,330	3,308	2,932	3,872	3,061	3,093	3,157	3,940	2,953	2,980	3,926	4,103
MONTHLY BCWP	3,008	3,136	2,793	3,880	2,981	3,021	3,316	3,702				
MONTHLY ACWP	2,441	3,703	3,347	3,779	3,252	3,704	3,065	2,752				
FYTD BCWS	3,330	6,638	9,570	13,442	16,503	19,595	22,752	26,692	29,644	32,625	36,550	40,653
FYTD BCWP	3,008	6,144	8,910	12,790	15,771	18,792	22,108	25,811				
FYTD ACWP	2,349	6,144	9,492	13,271	16,523	20,227	23,292	26,044				

MILESTONE ACHIEVEMENT

Number	Milestone Title	(TPA/ DNFSB/PI)	Due Date	Actual Date	Forecast Date	Status/ Comments
PI-S3-4a	Secondary system sodium drain	PI	5-31-03	4-16-03		Complete
PI-S3-4b	Fuel Offload 81 assemblies	PI	1-22-04		1-22-04	In progress

FY 2003 FH FUNDS VS FORECAST ($000)

	Expected Funds	Spend Forecast	Variance
RL-CP04 Fast Flux Test Facility	$ 38,172	$ 38,172	$ 0
RL-RC03 Advanced Reactor Transition	$ 2,213	$ 1,573	$ 640
Total	**$ 40,385**	**$ 39,745**	$ 640